

19980821.qrp v01_n190.qrs.980821

Date: Fri, 21 Aug 1998 19:03:18 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1190

QRP-L Digest 1190

Topics covered in this issue include:

- 1) [18034] S&S "M1" marches on ...
by Conrad <radman@best.com>
- 2) [18035] re: what is intelligent transciever
by Fran Flynn <fflynn@together.net>
- 3) [18036] Re: Backwater QRPurveyors
by Vic Rosenthal <rakefet@rakefet.com>
- 4) [18037] Re: [17970] Pacificon Tickets and Hotel Information
by Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
- 5) [18038] Hello Watson G.
by k5zty@juno.com
- 6) [18039] Tube-type QRP?
by w4bld@juno.com
- 7) [18040] Space-Persception CW filter via Soundcard?
by applitech@mcg.net (Claton Cadmus)
- 8) [18041] RE: Color of toroid cores ???
by "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 9) [18042] Need Filiment Transformers
by Larry Jones <ljones@flash.net>
- 10) [18043] Jerry Parker Zombie shirt?
by dave_epps@juno.com
- 11) [18044] Infrared Key
by dave_epps@juno.com
- 12) [18045] Re: S&S "M1" marches on ...
by Tim Ahrens <tahrens@inetport.com>
- 13) [18046] RE: Omaha Hamfest???
by aweiss@usd.edu (A. Weiss)
- 14) [18047] Re: Color of toroid cores ???
by wa8rxi@juno.com (Rick Arzadon)
- 15) [18048] Roy Gregson
by ROYGREGSON@aol.com
- 16) [18049] First Annual NorCal Zombie Pay Your Own Way Dinner
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 17) [18050] RE: Color of toroid cores ???
by Tracy@bytemark.com (Tracy)
- 18) [18051] toroid color
by "Jerry W. O'Dell" <jwodell@ameritech.net>
- 19) [18052] Tube-type QRP?

- by Dennis Terribile <wr4i@mindspring.com>
- 20) [18053] Antenna book of note
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 21) [18054] VT nostalgia QRP in progress
by MNHopkins@aol.com
- 22) [18055] RE: 10W Amp Homebrew Web Site
by cy r currier <crc3@telplus.net>
- 23) [18056] Yet another box for QRP projects
by "Bryan Turner" <turnerw@email.uah.edu>
- 24) [18057] Miami Parts Suppliers
by remacph@entelchile.net (Rodney Macpherson)
- 25) [18058] This LIst
by "Tim Stabler" <tstabler@iunhaw1.iun.indiana.edu>
- 26) [18059] Re: Small, portable antennas for QRP.
by Rick Weber <weber@accenttech.com>
- 27) [18060] CW Binaural Spatial Separation
by "James R. Duffey" <ji3m@maxwell.com>
- 28) [18061] Power
by Mercxx@aol.com
- 29) [18062] Radio Nederland
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
- 30) [18063] RE: This LIst
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 31) [18064] RE: CW Binaural Spatial Separation
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 32) [18065] RE: This LIst -- correction
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 33) [18066] FS: ARGONAUT II #535 LOWER PRICE! \$675.00??
by jcs4us@cosmoaccess.net
- 34) [18067] FS: LDG QRP TUNER
by burro@panama.gulf.net
- 35) [18068] Norcal20
by n4js@pobox.com (John Sielke)
- 36) [18069] Radio Nederlands - DSP
by Kodaly <kodaly@geocities.com>
- 37) [18070] CQC QSO Party (Sunday) Update
by "Marshall Emm" <mgemm@mtechnologies.com>
- 38) [18071] Tube QRP
by wj5o@juno.com (William H. Hays)
- 39) [18072] [Fwd: Space-Persception CW filter via Soundcard?]
by Walt Amos <waltk8cv@ameritech.net>
- 40) [18073] Re: Tube QRP
by Chris Trask <ctrask@primenet.com>
- 41) [18074] New Key in My Collection
by "Marshall Emm" <mgemm@mtechnologies.com>
- 42) [18075] HI QSO Party and NQ6RP
by kh6b@juno.com (Dean W Manley)
- 43) [18076] Roy Gregson passed away

- by PDouglas12@aol.com
- 44) [18077] Need 456.450 KHz Xtal for Mechanical filter
by "Juan David Zuloaga" <hk4bmg@epm.net.co>
 - 45) [18078] Re: Antenna book of note
by "George T. Baker" <w5yr@swbell.net>
 - 46) [18079] Re: Wide-band receiver front end question
by "laura halliday" <marsgal42@hotmail.com>
 - 47) [18080] Re: Roy Gregson passed away
by Paul Harden <pharden@aoc.nrao.edu>
 - 48) [18081] Re: CW Binaural Spatial Separation
by applitech@mcg.net (Claton Cadmus)
 - 49) [18082] QST article-offensive?
by "Robert J. Gobrick" <rgobrick@worldnet.att.net>
 - 50) [18083] SG-2020
by Denton Bramwell W7DB <Denton@Bramwell.Org>
 - 51) [18084] Re: Norcal20
by "Steve Sorrell" <ap036@detroit.freenet.org>
 - 52) [18085] Re: First Annual NorCal Zombie Pay Your Own Way Dinner
by Bill Jones <kd7s@psnw.com>
 - 53) [18086] Re: Tube QRP
by David Fouchey <dafouche@jax-inter.net>
 - 54) [18087] Re: Norcal20
by DENNISMO@aol.com
 - 55) [18088] Re: Infrared Key
by Steven Weber <kd1jv@moose.ncia.net>
 - 56) [18089] Re: First Annual NorCal Zombie Pay Your Own Way Dinner
by Paul Harden <pharden@aoc.nrao.edu>
 - 57) [18090] spectrum analyzer kit info needed
by k5gq@juno.com (C M Tyler)
 - 58) [18091] Re: spectrum analyzer kit info needed
by Michael Maiorana <mikemo@ibm.net>
 - 59) [18092] The passing of a great one
by Rich Wilkerson <richqrp@home.com>
 - 60) [18093] Hit DELETE now, this is a test
by "Ron Smith" <resmith666@uswest.net>
 - 61) [18094] Roy Gregson
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
 - 62) [18095] Re: toroid color
by "KA5T Larry Wise" <lewise@inetport.com>

Date: Thu, 20 Aug 1998 16:33:39 -0700
From: Conrad <radman@best.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [18034] S&S "M1" marches on ...
Message-ID: <01BDCC58.4B02B960.radman@best.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

I was talking with Dick Szakonyi at S&S Engineering the other day regarding progress on the M1 design. Dick is a very busy fellow these days. He's got a lab full of projects, including an exotic receiver design for the US military that tunes up to 4GHz! (That's his day job.)

He's working on the M1 every spare moment that he has. In fact, he's been doing some on-the-air testing on 20 and 40 Meters! He reports that it's coming along nicely... but, progress is challenging with his work-load.

He hopes to achieve a shipping date of "before the end of the year" and he'd like to make it out to Pacificon '98 but, everything is at the mercy of his complex work schedule, etc.

The last thing he told me was, "I've got to get this M1 finished! I want one for myself!"

With a name like "M1" -- designed by a military receiver guru -- do you suppose this thing will have a bullet-proof front end? Good chance of that, I'll bet ;)

Contact info:

S & S Engineering -- "precisely qrp"
14102 Brown Road
Smithsburg, MD 21783
Phone: (301) 416-0661 FAX: (301) 416-0963
Web Page: <http://www.xmetric.com/sseng/index.shtml>
Email: n3sad@aolcom

Standard Disclaimers: Not related to S&S Engineering.

72 - Conrad Weiss - NN6CW

Date: Thu, 20 Aug 1998 19:30:39 -0400 (EDT)
From: Fran Flynn <fflynn@together.net>
To: qrp-1@Lehigh.EDU

Subject: [18035] re: what is intelligent transciever
Message-ID: <199808202330.TAA02172@sequoia.together.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

There is a book called:

BUILD AN INTELLIGENT HF TRANSCEIVER BY RANDY HENDERSON, PUBLISHED BY MCGRAW HILL.

Far circuits has the book, boards and Prom for it at a very reasonable price.

Far circuits: <http://www.cl.ais.net/farcir/#anchor1555085>

Sorry about my post yesterday with the subject line missing, I goofed.

72

Date: Thu, 20 Aug 1998 16:39:09 -0700
From: Vic Rosenthal <rakefet@rakefet.com>
To: MNHopkins@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [18036] Re: Backwater QRPerveyors
Message-ID: <35DCB39D.77C970F1@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

MNHopkins@aol.com wrote:

>
> Jeff Gold, who has written for them himself, laments QST's dismissing the
> small QRP companies as minor nitch fillers. I agree, but lets do a structural
> analysis:

<ARRL/QST 'they're in it for the money' bashing snipped>

OK, here's the 'offensive' (Jeff's word) quote from QST:

"While kit building was once very popular, in recent years smaller outfits like Oak Hills Research, Small Wonder Labs, Wilderness Radio, EMTECH, A&A and a handful of others cater to a relatively small number of hams, primarily members of the QRP community, who still enjoy 'rolling their own.'"

Now, Jeff: this is offensive? And Mike: this in some way reflects negatively on OHR (etc.) and positively on Ten-Tec, the larger advertiser?

An eminently true statement, which, by the way, gives some FREE publicity to our friends at OHR, etc.

Vic, K2VCO
Fresno CA

Date: Thu, 20 Aug 1998 16:37:02 -0700 (PDT)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
To: ki6ds@dpol.k12.ca.us
Cc: qrp-1@Lehigh.EDU
Subject: [18037] Re: [17970] Pacificon Tickets and Hotel Information
Message-ID: <199808202337.QAA01929@netcom11.netcom.com>

Date: Thu, 20 Aug 1998 00:12:25 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)

<text deleted>

If you are flying in, the closest
airport is Oakland, next best bet is San Jose, and San
Francisco is the third.

<text deleted>

Oakland and San Francisco airports are much better than San Jose if
you want to take public transportation (BART) out to Concord. It's a
tossup between those two.

>From SFO to BART you ride the SamTrans 3X bus, and then take the
Pittsburg/Bay Point train. This is a bit better with cumbersome
luggage.

OAK to BART you can take the AirBart shuttle or the AC Transit 58 bus,
take the Fremont train to 12th St. and take the Pittsburg/Bay Point
train from there.

73, doug

Date: Thu, 20 Aug 1998 01:02:58 -0500

From: k5zty@juno.com
To: qrp-1@Lehigh.EDU
Subject: [18038] Hello Watson G.
Message-ID: <19980820.230008.7382.0.k5zty@juno.com>

I tried to send you the article, but I was banned from your site.
sri om
72 es gud luk
Bill, K5ZTY

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 20 Aug 1998 20:54:43 -0300
From: w4bld@juno.com
To: qrp-1@Lehigh.EDU
Subject: [18039] Tube-type QRP?
Message-ID: <19980820.205708.3350.18.w4bld@juno.com>

Hi Gang - Does anyone have a good feel for a tube-type QRP rig? I know that everything is solid state these days, but there was surely QRP before solid state.
Thanks, Bob
Robert B. Kerby - W4BLD
PO Box 991 (231 Rosser Avenue)
Waynesboro, VA 22980
(540) 942-4356
(I collect Gonset, Morow and Elmac)

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 20 Aug 1998 20:57:42 -0500
From: applitech@mcg.net (Claton Cadmus)
To: "QRP-1" <qrp-1@Lehigh.EDU>
Subject: [18040] Space-Persception CW filter via Soundcard?
Message-ID: <032a01bdcca9\$162c8e40\$a10a5e2c@groucho>

Allan K7GT requested an article about "Space-Perception CW filter" in the 81 handbook. As I was writing him to tell him I had the article the thought struck me that this could be implemented with a computer sound card. Maybe it already has?

For those that may not know what this type of filter is, read on. Others, skip to the next paragraph. This filter is an audio low pass and high pass filter applied to the ears separately via stereo headphones. The result is as the frequency of the CW tone varies as you tune, it seems to sweep from ear to ear. This appears to create a panoramic perception of nearby signals helping you to focus on the one straight ahead. At least that's the idea, I have yet to try it.

Has anyone ever ran across this type of sound card software? Anyone willing to give it a go?

73 de KA0GKC Claton Cadmus

cla@mcg.net

MNQRP #1

Minnesota QRP'ers we're looking for you!

Email me or visit this page <http://www.qsl.net/mnqrp>

73 de KA0GKC Claton Cadmus

cla@mcg.net

MNQRP #1

Minnesota QRP'ers we're looking for you!

Email me or visit this page <http://www.qsl.net/mnqrp>

Date: Thu, 20 Aug 1998 17:23:49 -0300

From: "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>

To: <qrp-1@Lehigh.EDU>

Subject: [18041] RE: Color of toroid cores ???

Message-ID: <01bdcc78\$709fbae0\$LocalHost@inforhc>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Somehow several toroid cores landed in my hands..

They are different diameters, and some are painted in bright colors... red, yellow and white...

Others are just the color of the ferrite material.

Any ideas of what those colors may mean...

I want to use some of the toroid cores for making VFO's that will operate on 80 and 40 meters for QRP rigs. Other larger diameter ones may find their way into output LPF's of solid stated rigs in the 5 watt class... I usually test the ferrite materials using a grid dip meter, and seeing the effects on the meter deflection at different frequencies... seems to work quite well for me that way... Any help will be most appreciated
Arnie Coro
C02KK
PO Box 6240 Habana Cuba
e-mail: arnie@radiohc.org
e-mail inforhc@mail.infocom.etecsa.cu

Date: Thu, 21 Aug 1980 03:37:29 -0500
From: Larry Jones <ljones@flash.net>
To: QRP-L@Lehigh.EDU
Subject: [18042] Need Filiment Transformers
Message-ID: <14024CC9.4C3F@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings Gang...

I am in need of some 2.5 vac ct 6 to 10 amp filiment transformers. If anyone has e one they would like to sell, email me direct...

Thanks

Larry N50SG

Date: Thu, 20 Aug 1998 21:03:41 -0700
From: dave_epps@juno.com
To: qrp-l@lehigh.edu
Subject: [18043] Jerry Parker Zombie shirt?
Message-ID: <19980820.210353.4430.2.dave_epps@juno.com>

I don't have Jerry's address so have to do it this way. Sorry!

Are you selling Zombie T-Shirts? If so, can I get 2 from you while I am at Morro Bay?

The XYL and I are going to Pacificon and I'm sure she will want a t-shirt.

pls adv. dave ab5pc morro bay,ca.

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 20 Aug 1998 20:59:26 -0700
From: dave_epps@juno.com
To: qrp-1@lehigh.edu
Subject: [18044] Infrared Key
Message-ID: <19980820.210353.4430.1.dave_epps@juno.com>

In my last mousekey project I found that the trackball movemet was detected by infrared units. I rembered seeing an article useing infrared units to key a xmtr. I finally found the article and it is in QST feb. 1992 titled IROESK for Infrared Optoelectronic Straight Key. Designed by none other than L B Cebik W6RNL. (Tks L B) . Was thinking about useing I R Detectors for the contacts in a paddle or whatever and get away from the troublesome mechanical contacts. Has someone already done this? Have been useing contacts on my thumb (common) and first two fingers (dot & dash) to key the keyer and it works pretty good, although I have been using a mousekey and that made it easier.
dave ab5pc morro bay, ca.

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Date: Thu, 20 Aug 1998 23:10:24 -0500
From: Tim Ahrens <tahrens@inetport.com>

To: radman@best.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [18045] Re: S&S "M1" marches on ...
Message-ID: <35DCF330.31AFBB86@inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Is it a carbine?

hehe

Tim W5FN

> With a name like "M1" -- designed by a military receiver
> guru -- do you suppose this thing will have a bullet-proof
> front end? Good chance of that, I'll bet ;)
>
> Contact info:
>
> S & S Engineering -- "precisely qrp"
> 14102 Brown Road
> Smithsburg, MD 21783
> Phone: (301) 416-0661 FAX: (301) 416-0963
> Web Page: <http://www.xmetric.com/sseng/index.shtml>
> Email: n3sad@aolcom
>
> Standard Disclaimers: Not related to S&S Engineering.
>
> 72 - Conrad Weiss - NN6CW

Date: Thu, 20 Aug 1998 23:25:57 -0500 (CDT)
From: aweiss@usd.edu (A. Weiss)
To: qrp-1@lehigh.edu
Subject: [18046] RE: Omaha Hamfest???
Message-ID: <199808210425.XAA19919@sunburst.usd.edu>

Does anyone know if a hamfest is occurring in Omaha
this weekend (8/22 or 8/23)? If you do, I'd appreciate
an e-mail with the details.

Tnx, Ade W0RSP

Santa Ana,

CA. 92704

72, Rick Arzadon - WA8RXI Taylor, MI

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 21 Aug 1998 01:43:00 EDT
From: ROYGREGSON@aol.com
To: qrp-1@lehigh.edu
Subject: [18048] Roy Gregson
Message-ID: <96577410.35dd08e5@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Dear All,
My Dad is still hanging in there. He is very strong!! I apologize for the hospital number. I didn't realize that is was only effective here in this state. I thought I was doing everyone a favor getting the 800 number :-). The correct number is 360-792-6710 room 422 Bed 1.
Thank you all for the wonderful notes and e-mail. You can't begin to know how much they have meant to us.
I will keep in touch and keep everyone posted
Suzi Gregson

Date: Fri, 21 Aug 1998 00:17:11 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [18049] First Annual NorCal Zombie Pay Your Own Way Dinner
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Today was my last day off before I have to go back to work. We have meetings at school Friday, so JoAnne and I drove to San Jose to pick up some parts for the NC20's (No we won't do another run, and the decision as to whether or not it becomes a commercial venture with

Wilderness or another company rests entirely with the designer, Dave Fifield.)

We then drove over to Concord to check out the Sheraton Hotel. It is located right by the airport and will be easy to find. If you were at Pacificon last year, the Sheraton is 1/2 mile north and 1/4 mile east of the Hilton. It is a beautiful 3 story hotel which underwent a 10 million dollar renovation that was completed last year, so it is in great shape. Lorie Smith, who is the hotels customer service representative and has been working with the Pacificon people very graciously gave me a tour of the facility. I was impressed. We have a nice room more than twice as big as last year, and the room for the hospitality room is located downstairs so we won't be too much of a bother to the other guests.

I laughed when Lorie asked me if we were the loud group that had all the fun. Yes, I said, that just about describes QRPers.

There is a restaurant across the street but the majority of places to eat are about 3/4 mile away. I made reservations for 40 for Friday evening at Tony Romas, so we have a place to go for the NorCal Zombie dinner. Don't forget, the dinner is at 6:30. We'll meet in the hotel lobby of the Sheraton at 6:00 PM Friday so that those of you who need a ride can shag one.

Everything looks good for the facilities. I also finalized the purchase of the G3RJV SixPack circuit boards today. NorCal will be providing those free of charge to the attendees along with a copy of the QRP Forum Compendium.

Next week I will start posting summaries of the presentations to whet your appetite.

Also, ARCI has graciously donated an ELMER 101 kit complete with case as first prize for the All Transistor Transceiver building contest.

72, Doug, KI6DS

Date: Fri, 21 Aug 1998 05:21:35 -0400
From: Tracy@bytemark.com (Tracy)
To: "QRP-L" <qrp-l@lehigh.edu>, <inforhc@mail.infocom.etecsa.cu>
Subject: [18050] RE: Color of toroid cores ???
Message-ID: <000a01bdcce5\$17fbd8c0\$5f211ad1@titan>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

It's difficult to judge a toroid by its color unless you know who made it. There are some manufacturers around the world that use the same colors on different materials.

The white cores you have may be #7 mix, which is the best for VFO cores as the #7 mix has the best temperature stability of the SF type mixes. A Micrometals or Amidon #7 core is white on three sides of the core and black on one.

Good luck with your find!

> I usually test the ferrite materials using a grid dip meter, and
> seeing the effects on the meter deflection at different
> frequencies... seems to work quite well for me that way...

This works. If you have a way of measuring inductance you can wind 10 turns on the core, measure its inductance and determine the 'Al' value of the core and compare it with the tables in the Amidon literature or web pages.

<http://www.bytemark.com/amidon>)

Tracy N4LGH
QRP-L #1453

Date: Fri, 21 Aug 1998 06:39:02 -0400
From: "Jerry W. O'Dell" <jwodell@ameritech.net>
To: qrp-l@lehigh.edu
Subject: [18051] toroid color
Message-ID: <19980821113559.SLL11803@[199.179.189.48]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Is there a book on toroid colors, and other toroid matters?
I'm sure this has been asked before, but when you have
alzheimers!

73 jerry w8gnd

Date: Fri, 21 Aug 1998 06:58:18 -0400
From: Dennis Terribile <wr4i@mindspring.com>
To: qrp-l@Lehigh.EDU
Subject: [18052] Tube-type QRP?
Message-ID: <3.0.4.32.19980821065818.0069c0b0@mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

<http://www.mnsinc.com/bry/vintage.htm>

Ran across this ad in World-Radio. They sell tube kits for qrp. Wonder if anyone has tried one?

72,
Dennis
Ivy,VA

Date: Fri, 21 Aug 1998 07:08:46 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: QRP-L List <qrp-l@Lehigh.EDU>
Subject: [18053] Antenna book of note
Message-ID: <Pine.GS0.3.96.980821070140.26477C-1000000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Peter Dodd (G3LD0) updated his 1991 book <The Antenna Experimenter's Guide> in 1996 as a 2nd edition. Even if you have a copy of the 1st edition of this RSGB production, you will benefit from reading the 2nd edition. It has lots of new material, including Peter's own thoughts on integrating antenna modeling with antenna experimentation. It even has a section on glossy paper so that a number of antenna plots can be reproduced in color, just as one might see them on the screen.

Perhaps I can mention just one great feature: lots of inexpensive circuits for sensors for taking readings from your antenna and feedlines. Not all antenna testing equipment has to be expensive.

The book does not belong on your bookshelf. It belongs on your workbench, along side Paul Harden's manual, etc.

-73-

LB, W4RNL

Date: Fri, 21 Aug 1998 08:01:34 EDT
From: MNHopkins@aol.com
To: Boatanchors@theporch.com
Cc: QRP-L@lehigh.edu, Glowbugs@piobaire.mines.uidaho.edu
Subject: [18054] VT nostalgia QRP in progress
Message-ID: <15af5cf5.35dd61a0@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Mention of Vacuum Tube QRP as a possibility on QRP-L, Silicone capitol of the world, warrants this news:

Donald Sanders, w4bws@juno.com, is SERIOUS about resurecting the two-tube International Crystal T-12 transmitter for QRP operation. He has a December '57 QST and is scaling the picture of the 3.5 x 6 inch board for a repro. Last night I calculated that the shown inductor must be a Air Dux (see their ad, same issue) 816 at one inch x 3 inch and 16 TPI of size 20 for a total L of 16.3 uH. From that a sharpie (ya hear) could infer the probable size of the screwdriver variable caps in the Pi net.

One stoked this baby's 12BH7 and 5763 PA with 60mA of 350 back when but we are told it has "12 Watts at 350" input. Given effencies of some ICM stuff (16W into a double in the final STP-50 won't top 5) we may be at 5W already.

Since no one has responded to three postings for info on an International Crystal T-12 single board TX, or even a copy of its mimeographed data sheet, we may be on our own.

Who can make the most erudite assessment and prediction from the above or from the December, 1957 page 33 review and page 114 ad?

73 de ab5L, michael in dallas, student of Tecraft and International Crystal (ICM) ham products and mementoes of Six Meters' Golden Age: 1957-58
Michael Hopkins
Box 226841
Dallas, TX 75222 MNHopkins@AOL.com

Date: Fri, 21 Aug 1998 08:40:17 -0400
From: cy r currier <crc3@telplus.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>, "'dave@cds1.net'"
<dave@cds1.net>
Subject: [18055] RE: 10W Amp Homebrew Web Site
Message-ID: <01BDCCDF.661271A0@bgr5.lobster.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

i could never understand why the microwatters didn't something of this =
nature
to max the few mw of rf they had. i have heard of it but never seen any =
plans.
should work well and i leave it to the engineers on the site. hint : =
don't ever retire. u will be too busy to get anything done! cy - kites

From: Dave Willey
Sent: Saturday, August 15, 1998 2:20 AM
To: Low Power Amateur Radio Discussion
Subject: 10W Amp Homebrew Web Site

Hi All,

Within the last week or so I remember someone looking
for a 10W ad on HF amp. While surfing just now for=20
something else (see below), I came across this site=20
that has plans for a 10W HF 1.8 to 30 mHz add on amp.

<http://user.tninet.se/~acz732k/tx/15w-pa.htm>

Also the negative for the PC board.=20

<http://user.tninet.se/~acz732k/tx/15w-pcb.gif>

I don't know how well it works, just something I ran
across. QRP-L has helped me in the past & I thought
I'd return the favor.

It seems like an interesting site. Will have to=20
explore it later, after I find the site I saw=20

last night of someone who had built a QRP trans-
mitter inside a PVC tube & ran 1/2 of a dipole
out each end. Then hauled the whole thing up
as a dipole w/no coax or feedline. Just ran wire=20
down for power & a key. No coax =3D no loss.=20
Neat idea.

Can't remember where I saw it. Any ideas? I'm
stumped.

=20

--

To send a reply please remove "NOJUNKMAIL" from the
return address, and replace "AT" with "@"

Dave Willey

e-mail: dave AT cds1.net =20

amateur e-mail: kd6kwm AT cds1.net

amateur packet: KD6KWM@KD6KWM.#NCA.CA.USA.NOAM

--

QRP-L #1567

Date: Fri, 21 Aug 1998 08:25:49 +0000
From: "Bryan Turner" <turnerw@email.uah.edu>
To: qrp-l@lehigh.edu
Subject: [18056] Yet another box for QRP projects
Message-ID: <199808211327.IAA21636@uahis1.uah.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Lately, a Lionel train wrist watch has been showing up at lots of
stores and in catalogs. (They've been spotted in Wal Marts and K
Marts, so they shouldn't be hard to find.) The watch comes in a metal
case, about 2" x 6 " x 3/4". A reproduction of an old Lionel ad is
printed on the top half of the case, showing a boy beaming with
delight while watching a fleet of new Lionel locomotives. You can
find these watches for under \$20.

The watch is kind of neat, too. (But for \$20 you're not getting a
Rolex, so buyer beware.)

73 Bryan W8LN

Date: Fri, 21 Aug 1998 10:20:22 -3000
From: remacph@entelchile.net (Rodney Macpherson)
To: qrp-1@Lehigh.EDU
Subject: [18057] Miami Parts Suppliers
Message-ID: <19980821153049.AAA6295@LOCALNAME>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hi!

Can anyone tell me which are the best places to buy ham oriented parts & accessories for QRP construction projects, in Dade county, Miami. The places I've tried in past visits [& which appear in the Yellow Pages] are just distributors of imported transceivers etc.
thanks,

Rod
VE7BCC / CE3

Date: Fri, 21 Aug 1998 09:50:49 CST
From: "Tim Stabler" <tstabler@iunhaw1.iun.indiana.edu>
To: qrp-1@Lehigh.EDU
Subject: [18058] This LIst
Message-ID: <F1EAFD5AEB@iunhaw1.iun.indiana.edu>

How do I unsubscribe??

I will be on sabattical leave until January and not be here to receive anything.

Have enjoyed everything over the past few years and hope to be back then

Timothy A. Stabler, Ph.D.
Department of Biology
Indiana University Northwest
Gary, IN 46408

(219)980-6718

FAX: (219)980-7125

Date: Fri, 21 Aug 1998 09:53:15 +0000
From: Rick Weber <weber@accenttech.com>
To: qrp-1@Lehigh.EDU
Subject: [18059] Re: Small, portable antennas for QRP.
Message-ID: <35DD4384.1942@accenttech.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

In message <19980820082558989.AAC190@AndrewSmith>, "Compaq"
<QRPDave@ocsnet.net> wrote:

> I am interested in small (table-top type) antennas for use when we go > on
> picnics, etc. I have had some success with the "Livermore Swap Meet
> Special" but would like to try something on 15M. Any suggestions?

> QRPDave@ocsnet.net

Boy, Dave you'll probably get a lot of replys on this one! And from a
lot smarter folks than me.

I like my Ham Sticks from Lakeview Co of Anderson, SC. (No I don't work
for them!) Got the idea from Joe Everhart (N2CX) in a QRP-1 posting.
I've been experimenting with them over the past few weeks and am very
pleased with results.

These critters are 7 feet long monoband antennas designed for mobile
use. They separate in the middle for easy transporting. And the best
news, they're only 20 bucks.

One configuration that works well for me is a Ham Stick on a coax mount
attached to a copper-clad 4' ground rod (from local hdw store). I jab it
a few inches into the front yard of my office, lay out two quarter wave
radials and run coax 20 feet into my office. My analyzer says 50 ohms
imp and low SWRs. By adjusting the length of the whip part of the ant, I
can get 1.0 at a very narrow freq range, so I also use a tuner rather
than run in and out to change the ant length for wider freq changes. 15m
model works good. 40m works REALLY good. Worked two Canadian stations
from Indianapolis the other nite on 3 watts. Of course, they're not as
good as a "big" antenna but they sure are convenient and portable.

Good question you posted, Dave. I'm anxious to see other suggestions
here for table top type antennas as I am lousy with a slingshot!

Rick, W9QZ

Date: Fri, 21 Aug 1998 08:52:44 -0600
From: "James R. Duffey" <jj3m@maxwell.com>
To: applitech@mcg.net
Cc: qrp-1@Lehigh.EDU
Subject: [18060] CW Binaural Spatial Separation
Message-ID: <v03007807b203351a959a@[199.120.49.102]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Claton - You asked, in regard to a stereo spatial perception CW filter (Low pass filter to one ear, high pass to the other);

"Has anyone ever ran across this type of sound card software? Anyone willing to give it a go?"

At the risk of sounding like a Luddite, this seems like a high tech solution to a simple problem when a low tech solution would be easier to implement.

Pat Hawker's Technical Topics column in the RSGB publication RadComm has carried several schematics for this type of filter over the years. None of them take more than a dozen parts.

It seems to me that these filters can be more easily implemented in hardware than in software. The low pass and high pass filters do not need to be sophisticated; simple RC filters with cut on and cutoff frequencies equal to your offset frequency are all that are needed. If you want to get fancy you could use op amp active filters. The rolloffs should not be too sharp as the spatial perception depends on the mixing of the two filtered signals in your head.

I used such a filter once and found it useful when tuning a band and trying to pinpoint whether a signal was higher or lower in frequency or trying to eliminate QRM, but also found it to be disorienting at times. A busy band can sound like a CW ping pong game in you head :^). Your mileage may vary.

Let us know how your experiments turn out. - Duffey KK6MC/5

James R. Duffey	<jj3m@maxwell.com>	(505) 764-3143
Maxwell Technologies Inc.	http://www.maxwell.com/	
2501 Yale Blvd SE Suite 300		
Albuquerque, NM 87106-4200		

Date: Fri, 21 Aug 1998 10:58:23 EDT
From: Mercxx@aol.com
To: qrp-1@Lehigh.EDU
Subject: [18061] Power
Message-ID: <67c2c43e.35dd8b10@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi,

I am still getting my feet wet in QRP..... What are some recommendations on portable/rechargeable batteries for QRP portable operations. Are solar panels worth it? Inquiring minds would like to know. Please respond to Mercxx@aol.com..

Tks
Steve
N4TKP
FIST 4922

Date: Fri, 21 Aug 1998 09:23:52 -0600 (CST)
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [18062] Radio Nederland
Message-ID: <Pine.OSF.4.02A.9808210920470.30824-100000@duke.usask.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Last night I was listening to the English service of Radio Nederland and they had a good discussion of DSP explained in laypersons terms. I don't know if people can get this discussion in real audio but it might be worth checking.

Brian.

+-----+
| Brian Buydens, Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca http://duke.usask.ca/~buydens |
| VE5RDV |
+-----+

```
| DO NOT ADD ME TO ANY MAILING          No keyboard present |
| LISTS WITHOUT MY CONSENT !!!          Hit F1 to continue  |
|                                         Zen engineering?    |
+-----+-----+-----+-----+-----+-----+-----+-----+
```

Date: Fri, 21 Aug 1998 10:37:16 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: <tstabler@iunhaw1.iun.indiana.edu>
Cc: "'Low Power Amateur Radio Discussion'" <qrp-1@lehigh.edu>
Subject: [18063] RE: This LIst
Message-ID: <19980821153717737.AAA168@muenzlerk>

You can send the following command to the list server
(listserv@Lehigh.EDU)
In the text of the message type SET QRP-P MAIL POSTPONE

You will stay subscribed but you will receive no more mail
until you send something to the list.

Kevin, WB5RUE

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Tim Stabler
> Sent: Friday, August 21, 1998 10:51 AM
> To: Low Power Amateur Radio Discussion
> Subject: This LIst
>
>
> How do I unsubscribe??
>
> I will be on sabattical leave until January and not be here to
> receive anything.
>
> Have enjoyed everything over the past few years and hope to be back
> then
>
>
> Timothy A. Stabler, Ph.D.
> Department of Biology

> Indiana University Northwest
> Gary, IN 46408
>
> (219)980-6718
> FAX: (219)980-7125
>
>

Date: Fri, 21 Aug 1998 10:43:14 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: <ji3m@maxwell.com>, "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [18064] RE: CW Binaural Spatial Separation
Message-ID: <19980821154315784.AAA246@muenzlerk>

I remember many years ago (20 or so) an article in QST about something similar to this. The idea behind it was the brain's ability to distinguish tonal pitch. What you did was have a simple variable oscillator (use a pot to change pitch) that fed a low volume tone into one ear. In the other ear you fed the CW signal you wanted to copy. You would match, as closely as possible, the tone in your ear with the frequency of the CW signal. It is amazing! Within a few seconds the CW signal JUMPS out of the noise/QRM. It sounds crazy but it does work for most people. You want the generated tone to be lower in volume than the CW signal.

Kevin, WB5RUE
wb5rue@stic.net <http://www.qsl.net/wb5rue>

Why do they put the pictures of criminals on post office walls? What do they expect us to do, write to these people? Why don't they put the criminals' faces on postage stamps? That way the mail carriers can look for them while they are delivering mail.

Date: Fri, 21 Aug 1998 10:44:26 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [18065] RE: This List -- correction
Message-ID: <19980821154429534.AAA69@muenzlerk>

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU
> [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> Kevin Muenzler WB5RUE
> Sent: Friday, August 21, 1998 10:37 AM
> To: Low Power Amateur Radio Discussion
> Subject: RE: This List
>
>
> You can send the following command to the list server
> (listserv@Lehigh.EDU)
> In the text of the message type SET QRP-P MAIL POSTPONE
>
> You will stay subscribed but you will receive no more mail
> until you send something to the list.
>
> Kevin, WB5RUE
>

OOPS!!! It should be SET QRP-L MAIL POSTPONE
and not QRP-P.....

Date: Fri, 21 Aug 1998 08:55:23 -0700
From: jcs4us@cosmoaccess.net
To: qrp-l@lehigh.edu
Subject: [18066] FS:ARGONAUT II #535 LOWER PRICE! \$675.00??
Message-ID: <3.0.32.19980821085519.007267dc@wingate>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

For Sale: Ten Tec Argonaut II Model 535 LOOKS JUST LIKE THE DELTA II BUT

IT IS 5-WATTS QRP. 160-10Meters SSB/CW/FM WITH 100HZ TO 30MHz RECEIVER ALSO RECEIVES AM, DUAL VFO'S, 48 MEMORIES, 16 CAN BE PROGRAMED FOR SPLITS, QSK WITH SIDETONE, NOISE BLANKER, RXO, PASSBAND TUNING, NOTCH FILTER, LCD DISPLAY, SHOWS FREQUENCY, VFO STATUS, MODE MEMORY CHANNEL, 24 HOUR CLOCK, AND MULTI-FUNCTION BAR GRAPH METER. DIRECT KEYBOARD FREQUENCY ENTRY.. PLAYS GREAT LOOKS GOOD.. COMES WITH HAND MIC, COPY OF THE OWNERS MANUAL, POWER CORD..
\$675.00 OBO

EMAIL: jcs4us@cosmoaccess.net

Date: Fri, 21 Aug 1998 10:55:17 -0500
From: burro@panama.gulf.net
To: qrp-1@Lehigh.EDU
Subject: [18067] FS: LDG QRP TUNER
Message-ID: <35DD9865.44F6@panama.gulf.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have just purchased the QRO version of the LDG QRP TUNER so the QRP tuner is for sale..Works great very well constructed in the LDG custom enclosure, manual paperwork etc... \$100.00+\$3.00 USPS priority shipping

Barry WB6LDL. Panama City Florida

Date: Fri, 21 Aug 1998 16:05:57 GMT
From: n4js@pobox.com (John Sielke)
To: qrp-1@Lehigh.EDU
Subject: [18068] Norcal20
Message-ID: <35f09a64.162321708@mail.snip.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

I mailed my check on July 30. I just got my bank statement, and as of August 15, my check was NOT cashed. Could I have missed out?

=20
/ \ / \ / \ / \ John L. Sielke n4js@pobox.com n4js@qsl.net
(N)(4)(J)(S) NJ Grid:FM29LN <http://www.qsl.net/n4js>
_ / _ / _ / _ / NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86
G-QRP #9544 NorCal #1989 CQC AKQRP QCWA FISTS #2781

Date: Fri, 21 Aug 1998 12:08:12 -0400
From: Kodaly <kodaly@geocities.com>
To: qrp-1@Lehigh.EDU
Subject: [18069] Radio Nederlands - DSP
Message-ID: <3.0.1.32.19980821120812.00a2ead0@mail.geocities.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I think the story "Top Flight Receiver KWZ-30" from RN, Media Network
program Aug 20,
which deals with a top flight reciever etc.
On Demand audio Of Media Network program on Radio Nederland available
from:
<http://www.wrn.org/rn.html>

THE DSP ITEM IS ABOUT 18 MINUTES INTO THE PROGRAM, SO PRESS THE FAST
FORWARD BUTTON IN REAL AUDIO PLAYER IF YOU WISH.

AND THERE ARE A LOT OF OTHER REALLY GOOD PROGRAMS IN THE SAME ARCHIVE, IN
OTHER EARLIER SHOWS, ABOUT RADIO CANADA ETC. THAN I KNEW!!!!
I had to dig a bit deeper into RN to find the on demand specific program
archives.

brien
ve3vaw

Date: Fri, 21 Aug 1998 10:20:33 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-1@Lehigh.EDU, cqclist@mtechnologies.com
Subject: [18070] CQC QSO Party (Sunday) Update
Message-ID: <199808211620.KAA03691@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Don't forget the CQC Summer QSO Party this Sunday-- rules follow.

Clarifications and updates:

1. W0CQC will be on air and is worth 1000 bonus points. This time it will be multi-op, with N1FN and WJ1R at the mike and key.
2. Power levels-- for SSB, the Colorado QRP Club uses 5W AVERAGE as the QRP power limit. By our own definition, you can set your rig for 4W Average by whistling into the microphone and measuring 10W PEAK.

73

Marshall, N1FN

Colorado QRP Club announces the 1998 CQC Summer QSO Party

Date/Time: Sunday, August 23, 1998 1800 UTC to 2359 UTC

Exchange: RS(T), State/Province/Country, First Name, and Member # if CQC

member, power output if not
ie: 579 CO Jim NR 04

Suggested frequencies:

CW 1825, 3560, 3710, 7040, 7110, 14060, 21060, 21110, 28060,
28110

SSB 1910, 3985, 7285, 14285, 21385, 28385

No contacts on 30, 17 and 12 meters allowed

Classes: Single Band

Multi-band (all single operator only)

Portable (away from home QTH, portable power, portable antenna)

QSO Points: CW: CQC member 6 pts, non-member 4 pts

SSB: CQC member 3 pts, non-member 2 pts

Multiplier: States/Provinces/Countries worked.

The same station may be worked on different bands for additional QSO points and multipliers. Contacts on the same band using a different mode counts for QSO points, but not as an additional multiplier

Names: Total of first names from Name sheet. One first name per letter of

the alphabet. Name must be your commonly used name.

Score: Total Score = QSO Points x Multipliers x Names

*Bonus points for working Club Station W0CQC - Add 1000 points to your FINAL score for working W0CQC

Power: Stations must use 5 watts or less output, CW or SSB.
There are no power multipliers.

Awards: To Be Determined, Highest Score in each class

Submit log (postmarked within 30 days of contest end) showing:

Band, Mode, Time UTC, Station Called,
RST Rc'd, SPC Rc'd, Name Rc'd, Memb# Rc'd
(or pwr out if not CQC member), SPC Mult., Name mult.
Points

On a cover sheet include your name, call, SPC, CQC# (if member), power used. A description of your rig, antenna, and comments would be appreciated. Also include a score recap, the calculation of your total final score.

Electronic logs in ASCII text format only, may be sent to:
cqccx@mtechnologies.com

or mail to: CQC, POB 371883, Denver CO 80237-1883

Date: Fri, 21 Aug 1998 11:19:25 cdt
From: wj50@juno.com (William H. Hays)
To: QRP-L@lehigh.edu
Subject: [18071] Tube QRP
Message-ID: <19980821.111926.4678.1.WJ50@juno.com>

A recent thread about using tubes for QRP projects stirred my interest enough to search the tubes that I've been "hoarding" for the past "up-teen" years or so.

I found a Western Electric 300B tube that I couldn't match in any of my tube reference books.

It's about the size of an 807 without the plate cap and has only four prongs.

I would appreciate any information about the Western Electric 300B tube.

73 Bill WJ50

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 21 Aug 1998 16:41:23 +0000
From: Walt Amos <waltk8cv@ameritech.net>
To: List qrp-l <qrp-l@Lehigh.EDU>
Subject: [18072] [Fwd: Space-Perspection CW filter via Soundcard?]
Message-ID: <35DD9523.C20ED2CA@ameritech.net>
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="-----F3DEF3CA043721F41F448DCA"

This is a multi-part message in MIME format.
-----F3DEF3CA043721F41F448DCA
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

There was a SIMPLE diagram in SPRAT last issue using a capacitor and
rf choke in the
audio lines to accomplish the same thing. I'm sure KANGA in ohio can
get you guys a
copy :)

Walt k8cv
-----F3DEF3CA043721F41F448DCA
Content-Type: message/rfc822
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Received: from fidoii.CC.lehigh.EDU ([128.180.1.4])
by mailhost.mil.ameritech.net (InterMail v03.02.02 118 115)
with ESMTP id <19980821021450.CDDD20294@fidoii.CC.lehigh.EDU>;
Thu, 20 Aug 1998 21:14:50 -0500
Received: from Lehigh.EDU ([127.0.0.1]) by fidoii.cc.Lehigh.EDU with SMTP id
<12829-25036>; Thu, 20 Aug 1998 22:19:14 -0400
Received: from nss4.cc.Lehigh.EDU ([128.180.1.13]) by fidoii.cc.Lehigh.EDU with
ESMTP id <13129-25036>; Thu, 20 Aug 1998 22:13:07 -0400

Received: from postoffice.mcg.net ([206.147.121.2])
by nss4.cc.Lehigh.EDU (8.8.8/8.8.5) with ESMTP id WAA35770
for <qrp-l@lehigh.edu>; Thu, 20 Aug 1998 22:12:26 -0400
Received: from groucho (i110.cc202.mcg.net [206.10.202.110])
by postoffice.mcg.net (Post.Office MTA v3.1.2
release (P0205-101c) ID# 0-44975U2500L250S0) with SMTP id AAB197
for <qrp-l@lehigh.edu>; Thu, 20 Aug 1998 21:14:30 -0500
Message-Id: <032a01bdcca9\$162c8e40\$a10a5e2c@groucho>
Date: Thu, 20 Aug 1998 20:57:42 -0500
Reply-To: applitech@mcg.net
Sender: owner-qrp-l@Lehigh.EDU
Precedence: bulk
From: applitech@mcg.net (Claton Cadmus)
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: Space-Persception CW filter via Soundcard?
X-To: "QRP-1" <qrp-l@Lehigh.EDU>
X-Priority: 3
X-MSMail-Priority: Normal
X-Mailer: Microsoft Outlook Express 4.72.2110.0
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.2106.4
X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN

Allan K7GT requested an article about "Space-Perception CW filter" in the 81 handbook. As I was writing him to tell him I had the article the thought struck me that this could be implemented with a computer sound card. Maybe it already has?

For those that may not know what this type of filter is, read on. Others, skip to the next paragraph. This filter is an audio low pass and high pass filter applied to the ears separately via stereo headphones. The result is as the frequency of the CW tone varies as you tune, it seems to sweep from ear to ear. This appears to create a panoramic perception of nearby signals helping you to focus on the one straight ahead. At least that's the idea, I have yet to try it.

Has anyone ever ran across this type of sound card software? Anyone willing to give it a go?

73 de KA0GKC Claton Cadmus

cla@mcg.net

MNQRP #1

Minnesota QRP'ers we're looking for you!

Email me or visit this page <http://www.qsl.net/mnqrp>

73 de KA0GKC Claton Cadmus

cla@mcg.net

MNQRP #1

Minnesota QRP'ers we're looking for you!

Email me or visit this page <http://www.qsl.net/mnqrp>

-----F3DEF3CA043721F41F448DCA--

Date: Fri, 21 Aug 1998 09:34:42 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: "William H. Hays" <wj5o@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [18073] Re: Tube QRP
Message-ID: <Pine.BSI.3.96.980821093025.19084C-100000@usr04.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 21 Aug 1998, William H. Hays wrote:

> A recent thread about using tubes for QRP projects stirred my interest
> enough to search the tubes that I've been "hoarding" for the past
> "up-teen" years or so.
>
> I found a Western Electric 300B tube that I couldn't match in any of my
> tube reference books.
> It's about the size of an 807 without the plate cap and has only four
> prongs.
>
> I would appreciate any information about the Western Electric 300B tube.
>

You'd better bar the windows and lock the doors. If any hard-core audiophiles hear that you have a genuine original Western Electric 300B in your hands, you're in big, big trouble. It's probably the single most popular tube for audio power amplifiers ever made.

I still like the 6L6BG, myself. I found an old pentode balanced mixer circuit in a book the day before yesterday where the plates are cross-coupled to the opposite screen grids. According to the body of the article, this doubles the gain and improves the reverse isolation. I want to try it with solid-state and see if it improves the linearity.

,-----.
/ What's all this \
/ extinct stuff, anyhow? /

Circuit Design for the
RF Impaired

- -

Date: Fri, 21 Aug 1998 12:46:26 EDT
From: kh6b@juno.com (Dean W Manley)
To: qrp-1@Lehigh.EDU
Cc: mike@krypton.nmr.Hawaii.Edu, GREG6fzh@aol.com, kh6b@juno.com
Subject: [18075] HI QSO Party and NQ6RP
Message-ID: <19980821.064828.7007.0.kh6b@juno.com>

Greetings from Hawaii.

Hawaii DX Club KH7XX has announced the HI QSO Party
Saturday and Sunday, August 29-30. Details in WorldRadio
and CQ Magazine.

The HI QRP Club will activate club call NQ6RP. Our field
location will be at a campground at Hawaii Volcanoes National
Park. Look for us near 30 kHz from band edge or near QRP
frequency, or in-between depending upon amount of
activity. We expect to be active on CW, 40, 20, 15 and 10.

Aloha, Dean KH6B
Dean KH6B Hilo HI BK29KP
ARRL Life, HI Chap. 194 QCWA
HI QRP 001

----- Begin forwarded message -----
>From mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: Stake Stick Vertical
Date: Wed, 6 May 98 11:32:16 HST
Message-ID: <9805062132.AA05828@krypton.nmr.hawaii.edu>

The last trip to the field included testing of a new portable
vertical antenna design. It is not to compete with the SLV in
its various versions, but more to compliment it. It focuses
on compact size, ease of setting up, and high performance on
20-10 meters. It offers full size, 1/4 wave radiators on
17, 15 and 10 meters which are tunable, and a 20 meter version
using a 17 meter Hustler resonator that is nicely broad banded.

Details are on the web page at:

www.chem.hawaii.edu/uham/stake.html

I am working on a good case for the two Hustler masts, the
whip holding adaptor which used to be a 10 meter resonator,
the two whips and the 17 meter resonator in a format like a
somewhat fat walking stick or small diameter fishing pole case
about 55 inches long. The other parts fit easily in the backpack.

It can be tuned with a tape measure since it is so broad banded and does not require any antenna tuner, which cuts down on the stuff you need to drag along in the backpack.

I was shocked at the bandwidth of this version compared to the simple idea of just mounting a standard Hustler mast plus a Super resonator on the base fitting with radials. Getting rid of all loading coils makes a fabulous difference.

AH7R - Mike Burger, University of Hawaii at Manoa, Dept. of Chemistry
HI-QRP #28 - QRP-L #1053 - FISTS #3225 - BL11ch - Honolulu County

----- End forwarded message -----

Date: Fri, 21 Aug 1998 12:58:53 EDT
From: PDouglas12@aol.com
To: qrp-l@lehigh.edu
Subject: [18076] Roy Gregson passed away
Message-ID: <c50796fc.35dda74e@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Gang,

I have the sad duty to report that our friend Roy Gregson died early today. He had been ill with cancer for some years and had a recent relapse.

I received a phone call from his daughter Suzy about noon, NY time. She advised that his four (grown) children are arranging a memorial service for Roy, and will post info on that after a family meeting on Sunday. Also info, for those so inclined, about contributions to charity in Roy's honor may then be posted by his family.

Roy was the owner/proprietor of Emtech, manufacturer of the NWxx series of transceivers, Ladder Grabber dipole centers, and a popular antenna tuner kit. Suzy advises that the children will see to it that all existing orders will be filled. The children will also advise about future sales of these products.

Roy was a friend of mine who I never met in person. We met on the phone when I built my first NW80/20; his generosity, interest and enthusiasm were what made him such an easy guy to become friends with. We spoke and emailed frequently, and he had hoped to one day come the Dayton for the Hamvention. I wish he had made it. Many of us have expressed similar feelings, I know.

The family of Roy can be reached at his email address, ROYGREGSON@AOL.com for the time being.

72,

Preston Douglas WJ2V New York

Date: Fri, 21 Aug 1998 12:40:47 -0500
From: "Juan David Zuloaga" <hk4bmg@epm.net.co>
To: "QRP-L LIST" <qrp-l@lehigh.edu>
Subject: [18077] Need 456.450 KHz Xtal for Mechanical filter
Message-ID: <01bdcd2b\$033f2680\$c90d58d1@hk4bmg.epm.net.co>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----=_NextPart_000_0004_01BDCD01.1A691E80"

This is a multi-part message in MIME format.

-----=_NextPart_000_0004_01BDCD01.1A691E80
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Have an very old Transceiver that I would like to get working again. =
(nice antique)
It is a SB-33 Made by SBE Sideband engineers. All It has wrong with it =
is the Xtal for the SSB generation.
The frequency of the Xtal is 456.450 KHz. it uses a Collings Mechanical =
filter so other Xtals around 456 KHz should work since it has a way to =
slide the oscillating frequency.
Does anyone have it to spare?
I will pay anything reasonable + shipping.
Thanks in advance

Juan Zuloaga
HK4BMG

-----=_NextPart_000_0004_01BDCD01.1A691E80
Content-Type: text/html;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

<!DOCTYPE HTML PUBLIC "-//W3C//DTD W3 HTML//EN">
<HTML>
<HEAD>

```
<META content=3Dtext/html; charset=3Diso-8859-1 =
http-equiv=3DContent-Type>
<META content=3D'"MSHTML 4.71.1712.3"' name=3DGENERATOR>
</HEAD>
<BODY bgColor=3D#ffffff>
<DIV><FONT color=3D#000000 face=3DArial size=3D2>Have an very old =
Transceiver that I=20
would like to get working again. (nice antique)</FONT></DIV>
<DIV><FONT color=3D#000000 face=3DArial size=3D2>It is a SB-33 Made by =
SBE Sideband=20
engineers.&nbsp; All It has wrong with it is the Xtal for the SSB=20
generation.</FONT></DIV>
<DIV><FONT color=3D#000000 face=3DArial size=3D2>The frecueny of the =
Xtal is 456.450=20
KHz. it uses a Collings Mechanical filter so other Xtals arround 456 KHz =
should=20
work since it has a way to slide the oscillating frecueny.</FONT></DIV>
<DIV><FONT color=3D#000000 face=3DArial size=3D2>Does anyone have it to=20
spare?</FONT></DIV>
<DIV><FONT color=3D#000000 face=3DArial size=3D2>I will pay anything =
reasonable +=20
shiping.</FONT></DIV>
<DIV><FONT color=3D#000000 face=3DArial size=3D2>Thanks in =
advance</FONT></DIV>
<DIV><FONT color=3D#000000 face=3DArial size=3D2></FONT>&nbsp;</DIV>
<DIV><FONT color=3D#000000 face=3DArial size=3D2>Juan =
Zuloaga</FONT></DIV>
<DIV><FONT color=3D#000000 face=3DArial =
size=3D2>HK4BMG</FONT></DIV></BODY></HTML>
```

-----=_NextPart_000_0004_01BDCD01.1A691E80--

Date: Fri, 21 Aug 1998 12:39:36 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: cebik@utkux.utcc.utk.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [18078] Re: Antenna book of note
Message-ID: <35DDB0D8.A787E330@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Can you recommend a source? Amazon.com ? ARRL?

72/73, George didit dit
Amateur Radio W5YR, 52 years and counting! 33.2 N 96.6 W EM13RE
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403 ICQ #16819496
AutoPOWER Systems, Fairview, TX (30 Mi. NE of Dallas) 10-X #11771

Date: Fri, 21 Aug 1998 10:40:24 PDT
From: "laura halliday" <marsgal42@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [18079] Re: Wide-band receiver front end question
Message-ID: <19980821174024.11022.qmail@hotmail.com>
Content-Type: text/plain

George Baker wrote:

> Laura, do you remember those brave souls in the 70's who
> were running 807's at 600 volts in their front ends to get
> the intercept points up there? Long before the quad-
> conversion jobs with that high first IF. . .

That was a little before my time, but I've read about it.

There is some discussion in Amateur Radio Techniques (RSGB)
where the 807 acquits itself well as a mixer. But it's
1998 now, and I should hope we can do better.

One receiver topology that comes to mind is upconverting
DC to 30 MHz to (say) 70 MHz, 1 MHz at a time, and then
doing the dirty work with a direct-conversion receiver
that tunes 70-71 MHz. Hmmm...

Laura Halliday VE7LDH "Que les nuages soient notre
Grid now: CN88hk pied a terre..."
Soon: FN03gs - Hospital/Shafte

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Date: Fri, 21 Aug 1998 11:46:18 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: PDouglas12@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [18080] Re: Roy Gregson passed away
Message-ID: <Pine.SOL.3.91.980821113600.28345B-1000000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> I have the sad duty to report that our friend Roy Gregson died early today.
>
> Roy was a friend of mine who I never met in person. We met on the phone when
> I built my first NW80/20; his generosity, interest and enthusiasm were what
> made him such an easy guy to become friends with.

Gang,
My sentiments exactly. I never met Roy in person, but we had many memorable phone conversations. I think everyone would agree, he was just such a delightful person on the phone ... you felt for sure he was a long time friend or something. No matter what the problem, he would always ensure you got your NWxx rig working and on the air in the truest sense of being an Elmer.

I have built a couple of his NW rigs, and my NW40 remains one of my favorites. I have an unbuilt NW20 I was saving to build this winter. It will be tough to build it now, but I will as my private tribute to a great QRP'er and friend. His EmTech rigs never got the writeups and the fanfare as the other rigs ... but he generated a loyal following of NW builders and users that few people have achieved.

We've lost a truly great guy. We'll miss you Roy, W6EMT.

72, Paul NA5N

Date: Fri, 21 Aug 1998 12:47:55 -0500
From: applitech@mcg.net (Claton Cadmus)
To: "James R. Duffey" <ji3m@maxwell.com>
Cc: <qrp-1@Lehigh.EDU>
Subject: [18081] Re: CW Binaural Spatial Separation
Message-ID: <004801bdcd2b\$f2878f20\$a10a5e2c@groucho>

James wrote:

>Claton - You asked, in regard to a stereo spatial perception CW filter (Low
>pass filter to one ear, high pass to the other);
>

>"Has anyone ever ran across this type of sound card software? Anyone willing
>to give it a go?"

>

>At the risk of sounding like a Luddite, this seems like a high tech
>solution to a simple problem when a low tech solution would be easier to
>implement.

James, I already have looked in the handbook and I've been aware of the
technique for many years. And yes, the circuit is not complicated. But I
like many others already have a sound card in the shack computer and if the
software is already available what could be easier?

73 de KA0GKC Claton Cadmus

cla@mcg.net

MNQR #1

Minnesota QRP'ers we're looking for you!

Email me or visit this page <http://www.qsl.net/mnqrp>

Date: Fri, 21 Aug 1998 13:41:01 -0500

From: "Robert J. Gobrick" <rgobrick@worldnet.att.net>

To: qrp-1@Lehigh.EDU

Cc: "Jeff M. Gold" <JGold@tntech.edu>

Subject: [18082] QST article-offensive?

Message-ID: <3.0.32.19980821133337.00ea29c0@postoffice.worldnet.att.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Jeff and gang,

I noticed the QST reviewer also got some of his facts a little out of date
in the Ten Tec review. He mentions Oak Hill Research, Small Wonder Labs,
Wilderness Radio, EMTECH and A&A..

Not bad - 4 out of 5. I'm sure he meant to say S&S Engineering - a high
class QRP kit supplier. A&A hasn't offered the Gary Breed designed
transceiver for years... (A&A does offer a neat gel cell charger though).

Cheers 73/72 Bob N0EB

Bob Gobrick - Stillwater, MN
Internet: rgobrick@att.net

Date: Fri, 21 Aug 1998 12:33:21 +0100
From: Denton Bramwell W7DB <Denton@Bramwell.Org>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [18083] SG-2020
Message-ID: <5103124387F8D11199DD00A0C925E4B915F5@SQLMAILSERVER>
MIME-Version: 1.0
Content-Type: text/plain

I have updated my comments on the SG-2020 at www.bramwell.org. Some people have commented that their experience with the 2020 sensitivity has been similar. Others have commented that they can clearly hear antenna noise on 10 and 15. This is intriguing. We need to find out what's going on here. SGC has reviewed my numbers, and doesn't challenge them. That leads me to believe that the numbers are accurate and that they are typical. Has anybody else done an MDS measurement?

The HW-8 is spoken for.... thanks to all who inquired.

Date: Fri, 21 Aug 1998 18:59:42 +0100
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <n4js@pobox.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [18084] Re: Norcal20
Message-ID: <006c01bdcd2d\$7af5e680\$a342b3c7@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Geesch!, Why don't you give the guy a break! Do you really think he runs down to the bank and cashes each check as it arrives? Doncha think that he probably collects them for a week or two or even monthly, then goes to the bank? I would think so, I do and many others do. After all, I'm sure he has other duties to perform, like eat dinner, visit with the wife and kids and maybe even operate qrp a little. Lets not get started with this thread before he's had a chance to breath!
de Steve, W8SFF (I can wait)

Date: Fri, 21 Aug 1998 12:47:53 -0700
From: Bill Jones <kd7s@psnw.com>
To: qrp-1@lehigh.edu
Subject: [18085] Re: First Annual NorCal Zombie Pay Your Own Way Dinner
Message-ID: <35DDCEE9.A677FE14@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hendricks, Doug wrote:

> There is a restaurant across the street but the majority of places to
> eat are about 3/4 mile away. I made reservations for 40 for Friday evening
> at Tony Romas, so we have a place to go for the NorCal Zombie
> dinner.

Tony Romas, huh? Isn't that the place where they threw us out last year just
because they wanted to close the place down and go home? And you told them we
were coming back again? I suppose you told 'em about the Zombie Badges, too.
We're doomed!

=====
Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>
=====

Date: Fri, 21 Aug 1998 16:15:39 -0400
From: David Fouchey <dafouch@jax-inter.net>
To: ctrask@primenet.com, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [18086] Re: Tube QRP
Message-ID: <3.0.1.32.19980821161539.0080ce90@jax-inter.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:34 AM 8/21/98 -0700, Chris Trask wrote:

>On Fri, 21 Aug 1998, William H. Hays wrote:

>

>> A recent thread about using tubes for QRP projects stirred my interest
>> enough to search the tubes that I've been "hoarding" for the past

>
>

Date: Fri, 21 Aug 1998 16:34:01 EDT
From: DENNISMO@aol.com
To: qrp-l@Lehigh.EDU
Subject: [18087] Re: Norcal20
Message-ID: <70780ae.35ddd9ba@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Steve...

Ease up.... You should take your own advise and "... give the guy a break"
John just asked a simple question. We shouldn't be afraid or apprehensive
about asking questions on this List. It didn't sound like he was complaining
about anything to me.

Guys and Gals, we are all friends here and friends give each other the
benefit of the doubt, real friends consider others feelings and often times
overlook our shortcomings. Though Steve's e-mail wasn't meant for me it was
addressed to everyone on this list. If someone bugs you please don't drag
"your" problems through the List. E-mail the other party directly and get it
settled just between the two of you.

God belss you all...

72 de Denny AD6EZ <><
PROMISE KEEPER FISTS #4570 / QRP-L #1359 in Goleta, CA
<http://members.aol.com/dennismo>

Date: Fri, 21 Aug 1998 15:44:19
From: Steven Weber <kd1jv@moose.ncia.net>
To: dave_epps@juno.com
Cc: qrp-l@lehigh.edu
Subject: [18088] Re: Infrared Key
Message-ID: <3.0.3.16.19980821154419.22bf93c4@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

> Was thinking about useing I R Detectors for
>the contacts in a paddle or whatever and get away from the troublesome
>mechanical contacts. Has someone already done this?

Yeh, I tried that once. Used the I/R interupters where you put something in a gap between the IR emitor and detector. One of those "U" shaped thingies. Didn't work very well. Think a big problem was with my mechanics, and had problems with light getting into the detector and "bounce" at the edge of my interupter.

I'm sure if one spent some time and did it right, it would work pretty good. Sometimes I wish I had a little lathe.....

72,
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Fri, 21 Aug 1998 14:51:00 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-l@Lehigh.EDU
Subject: [18089] Re: First Annual NorCal Zombie Pay Your Own Way Dinner
Message-ID: <Pine.SOL.3.91.980821143703.7125D-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 21 Aug 1998, Bill Jones wrote:

> Tony Romas, huh? Isn't that the place where they threw us out last year just
> because they wanted to close the place down and go home?

> =====
> Bill Jones - KD7S <><

They're probably calling in "Olga" again this year to keep us settled down a bit :-)

Talked to Doug on the phone last night and he had a funny story. He visited the new hotel that PacifiCon will be held in this year to check out the rooms for the seminars, building contests, check for running hot water, etc. The manager asked Doug, "Well, what group of hams are you?." Doug said "We're the QRPers." Manager said, "Are you the guys that bring your little radios, make a bunch of noise and go on until midnite? I was told about you guys!"

So plan on bringing your "little radios" and help to "make a bunch of noise" at PacifiCon. Don't want to let the new place down :-) I guess if we're making noise, we're having fun. Ask the people trying to sleep at Ft. Tuthill! (Sorry, Bertie).

72, Paul NA5N

Date: Fri, 21 Aug 1998 16:34:43 -0500
From: k5gq@juno.com (C M Tyler)
To: qrp-l@Lehigh.EDU
Subject: [18090] spectrum analyzer kit info needed
Message-ID: <19980821.163449.-69155.1.k5gq@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I missed the thread on the spectrum analyzer that was featured in QST.
I believe that someone was putting together a kit.

Mark Tyler
K5GQ/m Houston TX
QRP-L 794 ARRL VE since 85

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 21 Aug 1998 17:55:14 -0400
From: Michael Maiorana <mikemo@ibm.net>
To: k5gq@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [18091] Re: spectrum analyzer kit info needed
Message-ID: <35DDECC2.AF94EB56@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> I missed the thread on the spectrum analyzer that was featured in QST.

> I believe that someone was putting together a kit.

All the info is here: <http://www.teleport.com/~w7zoi/SA.html>

--

72 de ku4qo
Mike Maiorana
Palm Harbor, FL

Date: Fri, 21 Aug 1998 15:11:37 -0700
From: Rich Wilkerson <richqrp@home.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [18092] The passing of a great one
Message-ID: <35DDF099.CD9249A7@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I was also very saddened by the passing of Roy Gregson. He was also a telephone and e-mail friend, I never had the privilege of meeting him in person. He helped me get my NW40 online and he replaced the bad components. He will greatly be missed by this group and myself.

Good bye to a "Good One".

--

Rich Wilkerson
WD6FDD, Santee, Ca.
72's, 73's

Date: Fri, 21 Aug 1998 16:16:39 -0600
From: "Ron Smith" <resmith666@uswest.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [18093] Hit DELETE now, this is a test
Message-ID: <00c301bdcd51\$e7ad9600\$03000004@primenet.com.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I hate test messages...
but I hate forgetting why I changed things too!

Date: Fri, 21 Aug 1998 15:33:29 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@Lehigh.EDU>
Subject: [18094] Roy Gregson
Message-ID: <01bdcd53\$b8a2d260\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I was saddened to hear that Roy Gregson has died. He was a perfect gentleman, and a friend. We never met in person, but when he was starting Emtech, he called me one night and asked for advice on buying components. I gave him the names and addresses of some wholesale places that I use, and we had a nice visit. Later, Roy would repay that favor a thousand times over. We were right in the middle of selling the St. Louis Tuner and Roy called again asking how many we had left. He wanted to know because he was about to bring out the ZM-1 but did not want to interfere in any way with the sales of the NorCal Club kit, as he knew that his was a lower cost tuner, and that if he came out with it, it would cause us problems. He asked that I notify him when all of the SL Tuners were gone and then he would announce his kit. What a class act. He also asked me not to publish the info when I asked if it was ok to publicly thank him. He said that he would rather I didn't. Roy, I am telling the story now, because it shows what a wonderful man you were. I and other Qrpers have lost a friend, and an honest man with the highest standards. Have a good final journey. 72, Doug, KI6DS

Date: Fri, 21 Aug 1998 22:45:56 -0500
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [18095] Re: toroid color
Message-ID: <199808212244.RAA08073@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

The ARRL Handbook has a lot of the data on the Amidon toroids...

Larry KA5T

On Fri, 21 Aug 1998 06:39:02 -0400, Jerry W. O'Dell wrote:

>Is there a book on toroid colors, and other toroid matters?

End of QRP-L Digest 1190

